

Resource Usage as of Wed 7/18/07
D0 Grid Production Computing Initiative
Amber Boehlein

	7/1/07	7/8/07	7/15/07	7/22/07	7/29/07	8/5/07	8/12/07	8/1
Amber Boehlein								
Architecture document v2: draft - APIs, component responsibilities								
Architecture document v2: Review								
Architecture document v2: Approval - D0								
Architecture document v2: Approval - CD								
Current Operations description: Approve								
Future Operations description: Review								
Future Operations description: Approve								
Operations Reduction plan: Review								
Operations Reduction plan: Approve								
Project Definition Approval: ABS, CD								
Project Execution Plan Approval: ABS, CD								
Project Close-out Report Approval: ABS, CD								
MILESTONE: Initiative completed								
Rob Kennedy								
Architecture document v2: Review								
Current Operations description: Review								
Future Operations description: Review								
Operations Reduction plan: Review								
Post-evaluation of operations load by dev and ops groups								
INPUT: Draft Preliminary High-level WBS								
WBS/Schedule v0.8 for 3/7 objectives								
MILESTONE: WBS/Schedule v0.8, begin weekly status'ing								
WBS/Schedule v1.0 for 5/7 objectives								
Project Definition Document: Draft w/o WBS/Schedule								
Project Definition Document: Integrate components, feed-back								
Project Definition Approval: ABS, CD								
MILESTONE: Plan v1.0 sufficient to drive near-term work								
Baseline WBS/Schedule v1.1 for ~77 objectives								
Project Execution Plan: Draft w/o WBS/Schedule								
Project Execution Plan: Integrate components, feed-back								
Project Execution Plan Approval: ABS, CD								
MILESTONE: Plan v1.1 project baseline								
Planning Phase (Level of Effort = 5%)								
Execution Phase (Level of Effort = 15%)								
Close-Out Phase								
Project Close-out Meeting								
Project Close-out Report								
Project Close-out Report Approval: ABS, CD								
Archive project artifacts								
MILESTONE: Initiative Closed-out								
Gabriele Garzoglio								
	32 hrs	26 hrs	34 hrs	24 hrs	40 hrs	24 hrs	16 hrs	

	7/1/07	7/8/07	7/15/07	7/22/07	7/29/07	8/5/07	8/12/07	8/1
Architecture document v2: Review								
INPUT: Write-up of operations issues								
Current Operations description: draft - level and causes								
Current Operations description: Revised version								
MILESTONE: Current Operations description								
Future Operations description: Review								
Operations Reduction plan: outline - reduce load level to acceptable level								
Operations Reduction plan: draft								
Operations Reduction plan: Revised version								
MILESTONE: Operations Reduction plan								
Post-evaluation of operations load by dev and ops groups								
MILESTONE: Achieve acceptable Operations level								
MILESTONE: SRM with SAM Doc: Completed								
MILESTONE: Fix Ready for Production Release								
MILESTONE: Ops Scripts automate mgmt of XML DB								
Andrew Baranovski								
Operations Reduction plan: outline - reduce load level to acceptable level								
Operations Reduction plan: draft								
Operations Reduction plan: Revised version								
INPUT: Data Queues Doc: Recent Draft								
Data Queues Doc: Feed-back, update								
SRM with SAM Doc: Integrate into SamGrid Documentation								
Parag Mhashikar								
Current Operations description: Review								
Operations Reduction plan: outline - reduce load level to acceptable level								
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Operations Reduction plan: Revised version								
Post-evaluation of operations load by dev and ops groups								
Data Queues Doc: Integrate into SamGrid Documentation								
INPUT: Interface changes documented								
Decoupling: MC Job Type: SamGrid Integration								
Start Prod at Stage 2: SamGrid development/integration								
Error Recovery: SamGrid development/integration								
Error Recovery: SamGrid, D0runjob integration								
VDT-oriented Testbed setup								
Migration to new VDT for security / bug fixes								
Fix Immortal Jobs: SamGrid development/integration								
Auto Mgmt XML DB: Handle disk full condition								
Auto Mgmt XML DB: Large DB performance degradation								
Auto Mgmt XML DB: Infrequent index corruption								
Fix d0smv065 storage issues								
SamGrid Support (Level of Effort = 25%)								
Adam Lyon								

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INPUT: Draft architecture document v1.2								
Architecture document v2: draft - APIs, component responsibilities	8 hrs	20 hrs			40 hrs			
MILESTONE: Draft architecture document v2								
Architecture document v2: Revised version								
MILESTONE: D0 Grid Production Architecture document								
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MILESTONE: Fwd Node Install Doc: Completed								
MILESTONE: Operations Documentation prepared for transition								
Brad Abbot								
Angela Bellavance								
Data Queues Doc: Feed-back, update								
Mike Diesburg								
INPUT: Attempt to run D0 Primary Production on FermiGrid								
Run D0 Primary Prod via D0Production role								
Run D0 Primary Prod to verify storage fix								
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MILESTONE: D0 Primary Production Run on Fermigrid								
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Steve Sherwood								
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Joel Snow								
Start Prod at Stage 2: d0runjob-only test								
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Data Queues Doc: Integrate into SamGrid Documentation								

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Todd Adams								
Start Prod at Stage 2: Request for d0runjob-only test								
Start Prod at Stage 2: Request for Prod-level test								
Peter Love								
Decouple D0runjob macro and SamGrid development work								
INPUT: Start Prod at Stage 2: D0runjob development								
Michel Jaffre								
Daniel Wicke								
Eileen Berman								
Bill Boroski								
Rick Snider								
Future Operations description: draft - acceptable load level and activities								
Total	127.2 hrs	265.88 hrs	431.48 hrs	324.53 hrs	240.4 hrs	250 hrs	144 hrs	

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	8/19/07	4 hrs	8/26/07	12 hrs	9/2/07	9/9/07	9/16/07	9/23/07	9/30/07	10/
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Project Close-out Report										
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Archive project artifacts										
MILESTONE: Initiative Closed-out										
Gabriele Garzoglio										
		24 hrs		9.33 hrs						40 hrs

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Operations Reduction plan: Revised version	24 hrs	9.33 hrs						
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Fix d0smv065 storage issues								
SamGrid Support (Level of Effort = 25%)								
Adam Lyon								
	24 hrs	17.33 hrs						

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Bill Boroski								
Rick Snider								
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Total	146 hrs	106.43 hrs	44.8 hrs	56 hrs	40 hrs	16 hrs	140 hrs	

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	10/7/07	10/14/07	10/21/07	10/28/07	11/4/07	11/11/07	11/18/07	11/
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Execution Phase (Level of Effort = 15%)								
Close-Out Phase								
Project Close-out Meeting	6 hrs	6 hrs	6 hrs	6 hrs	6 hrs	6 hrs	6 hrs	3.6 hrs
Project Close-out Report								
Project Close-out Report Approval: ABS, CD								
Archive project artifacts								
MILESTONE: Initiative Closed-out								
Gabriele Garzoglio								

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Fix d0smv065 storage issues								
SamGrid Support (Level of Effort = 25%)								
Adam Lyon								

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Rick Snider								
Future Operations description: draft - acceptable load level and activities								
Total	16 hrs	16 hrs	16 hrs	16 hrs	16 hrs	16 hrs	9.6 hrs	

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	11/25/07	12/2/07	12/9/07	12/16/07	12/23/07	12/30/07	1/6/08	1/1
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Total	16 hrs	16 hrs	16 hrs	16 hrs	9.6 hrs	52 hrs	8 hrs	

	Total
Amber Boehlein	84 hrs
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Architecture document v2: Review	10 hrs
Architecture document v2: Approval - D0	4 hrs
Architecture document v2: Approval - CD	4 hrs
Current Operations description: Approve	4 hrs
Future Operations description: Review	10 hrs
Future Operations description: Approve	4 hrs
Operations Reduction plan: Review	10 hrs
Operations Reduction plan: Approve	8 hrs
Project Definition Approval: ABS, CD	2 hrs
Project Execution Plan Approval: ABS, CD	4 hrs
Project Close-out Report Approval: ABS, CD	4 hrs
MILESTONE: Initiative completed	
Rob Kennedy	462.6 hrs
Architecture document v2: Review	10 hrs
Current Operations description: Review	10 hrs
Future Operations description: Review	8 hrs
Operations Reduction plan: Review	10 hrs
Post-evaluation of operations load by dev and ops groups	4 hrs
INPUT: Draft Preliminary High-level WBS	76.2 hrs
WBS/Schedule v0.8 for 3/7 objectives	
MILESTONE: WBS/Schedule v0.8, begin weekly status'ing	
WBS/Schedule v1.0 for 5/7 objectives	30 hrs
Project Definition Document: Draft w/o WBS/Schedule	10 hrs
Project Definition Document: Integrate components, feed-back	8 hrs
Project Definition Approval: ABS, CD	7.2 hrs
MILESTONE: Plan v1.0 sufficient to drive near-term work	
Baseline WBS/Schedule v1.1 for ~77 objectives	56 hrs
Project Execution Plan: Draft w/o WBS/Schedule	56 hrs
Project Execution Plan: Integrate components, feed-back	8 hrs
Project Execution Plan Approval: ABS, CD	8 hrs
MILESTONE: Plan v1.1 project baseline	
Planning Phase (Level of Effort = 5%)	9.2 hrs
Execution Phase (Level of Effort = 15%)	96 hrs
Close-Out Phase	28 hrs
Project Close-out Meeting	4 hrs
Project Close-out Report	12 hrs
Project Close-out Report Approval: ABS, CD	8 hrs
Archive project artifacts	4 hrs
MILESTONE: Initiative Closed-out	
Gabriele Garzoglio	245.33 hrs

	Total
Architecture document v2: Review	10 hrs
INPUT: Write-up of operations issues	32 hrs
Current Operations description: draft - level and causes	40 hrs
Current Operations description: Revised version	
MILESTONE: Current Operations description	
Future Operations description: Review	10 hrs
Operations Reduction plan: outline - reduce load level to acceptable level	40 hrs
Operations Reduction plan: draft	40 hrs
Operations Reduction plan: Revised version	33.33 hrs
MILESTONE: Operations Reduction plan	
Post-evaluation of operations load by dev and ops groups	40 hrs
MILESTONE: Achieve acceptable Operations level	
MILESTONE: SRM with SAM Doc: Completed	
MILESTONE: Fix Ready for Production Release	
MILESTONE: Ops Scripts automate mgmt of XML DB	
Andrew Baranovski	204 hrs
Operations Reduction plan: outline - reduce load level to acceptable level	40 hrs
Operations Reduction plan: draft	40 hrs
Operations Reduction plan: Revised version	48 hrs
INPUT: Data Queues Doc: Recent Draft	20 hrs
Data Queues Doc: Feed-back, update	56 hrs
SRM with SAM Doc: Integrate into SamGrid Documentation	
Parag Mhashikar	695.33 hrs
Current Operations description: Review	8 hrs
Operations Reduction plan: outline - reduce load level to acceptable level	40 hrs
Operations Reduction plan: draft	32 hrs
Operations Reduction plan: Revised version	40 hrs
Post-evaluation of operations load by dev and ops groups	5.33 hrs
Data Queues Doc: Integrate into SamGrid Documentation	
INPUT: Interface changes documented	
Decoupling: MC Job Type: SamGrid Integration	24 hrs
Start Prod at Stage 2: SamGrid development/integration	64 hrs
Error Recovery: SamGrid development/integration	8 hrs
Error Recovery: SamGrid, D0runjob integration	40 hrs
VDT-oriented Testbed setup	32 hrs
Migration to new VDT for security / bug fixes	40 hrs
Fix Immortal Jobs: SamGrid development/integration	40 hrs
Auto Mgmt XML DB: Handle disk full condition	16 hrs
Auto Mgmt XML DB: Large DB performance degradation	40 hrs
Auto Mgmt XML DB: Infrequent index corruption	40 hrs
Fix d0smv065 storage issues	8 hrs
SamGrid Support (Level of Effort = 25%)	218 hrs
Adam Lyon	383.33 hrs

	Total
INPUT: Draft architecture document v1.2	
Architecture document v2: draft - APIs, component responsibilities	28 hrs
MILESTONE: Draft architecture document v2	40 hrs
Architecture document v2: Revised version	
MILESTONE: D0 Grid Production Architecture document	
Current Operations description: Review	10 hrs
Future Operations description: draft - acceptable load level and activities	24 hrs
Future Operations description: Revised version	32 hrs
MILESTONE: Future Operations description	
Operations Reduction plan: outline - reduce load level to acceptable level	40 hrs
Operations Reduction plan: draft	40 hrs
Operations Reduction plan: Revised version	33.33 hrs
Operations Reduction plan: Approve	8 hrs
Post-evaluation of operations load by dev and ops groups	40 hrs
MILESTONE: Achieve acceptable Operations level	
Data Queues Doc: Approve	64 hrs
MILESTONE: Data Queues Doc: Completed	
Fwd Node Install Doc: Approve	24 hrs
MILESTONE: Fwd Node Install Doc: Completed	
MILESTONE: Operations Documentation prepared for transition	
Brad Abbot	
Angela Bellavance	
Data Queues Doc: Feed-back, update	40 hrs
Mike Diesburg	
INPUT: Attempt to run D0 Primary Production on FermiGrid	40 hrs
Run D0 Primary Prod via D0Production role	8 hrs
Run D0 Primary Prod to verify storage fix	16 hrs
Run D0 Primary Prod via D0 Prod submission service	16 hrs
MILESTONE: D0 Primary Production Run on Fermigrid	
Robert Illingworth	
Operations Reduction plan: outline - reduce load level to acceptable level	113.33 hrs
Operations Reduction plan: draft	40 hrs
Operations Reduction plan: Revised version	33.33 hrs
Steve Sherwood	
Fwd Node Install Doc: Feed-back, update	56 hrs
Joel Snow	
Start Prod at Stage 2: d0runjob-only test	120 hrs
Start Prod at Stage 2: Production-level test	32 hrs
Error Recovery: Production-level test	32 hrs
Fix Immortal Jobs: Production-level test	40 hrs
Dehong Zhang	
Data Queues Doc: Integrate into SamGrid Documentation	16 hrs
	80 hrs
	8 hrs

	Total
INPUT: Fwd Node Install Doc: Recent Draft	56 hrs
Fwd Node Install Doc: Feed-back, update	16 hrs
Fwd Node Install Doc: Integrate into SamGrid Installation Manual	16 hrs
Todd Adams	
Start Prod at Stage 2: Request for d0runjob-only test	8 hrs
Start Prod at Stage 2: Request for Prod-level test	8 hrs
Peter Love	
Decouple D0runjob macro and SamGrid development work	8 hrs
INPUT: Start Prod at Stage 2: D0runjob development	8 hrs
Michel Jaffre	
Daniel Wicke	
Eileen Berman	
Bill Boroski	
Rick Snider	
Future Operations description: draft - acceptable load level and activities	24 hrs
Total	2,571.93 hrs